

Table 1

		SNPs and Deletion Variants			
1	2	3	4	5	6
SEQ ID NO.	Polymorphism ID No.	Sequence	Primers	Location and Change	Position and Reference Sequence
4	5loprr1	AGGAGCGCGCGAAACCTTCTC	5' upstream reg. elem.	5' upstream reg. elem. G/A	GI:187166 residue 1000
5	5lo01a	TGGACTTAAA(GTTAAA del)TACTTTTGTG	5' upstream reg. elem.	5' upstream reg. elem. Deletion	GI:187166 residue 472-477
6	5lo04a	TCA TGTATCCgATTAGAGACT	5' upstream reg. elem.	5' upstream reg. elem. G/A	GI:187166 residue 559
KNOWN SNPs					
SEQ ID NO.	Polymorphism ID No.	Sequence	Primers	Location and Change	Position and Reference Sequence
7	5lonrra	ACTTACTATAgCACTGCGGTA	5' upstream reg. elem.	5' upstream reg. elem. G/A	GI:187166 residue 84
8	5lonrrb	TTACAGATCagTGGACTAGAA	5' upstream reg. elem.	5' upstream reg. elem. G/A	GI:187166 residue 137

**TABLE 2.**

<b>SEQ ID NO:</b>	<b>Residue/ Reference Sequence</b>	<b>Probe Sequence</b>
64	1000/GI 187166	AGGAGCGCGCRAAACCTTCTC
65	472-477/GI 187166	TGGACTTAAA( <b>GTTAAA del</b> )TACTTTTG
66	559/GI 187166	TCATGTATCCRATTAGAGACT

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Table 3.

Exon	SEQ ID NO:	Sequence (5' -> 3')	Product Length	Polymorphism ID No.
1	9	GGGCCAGGGACCAGTGGT	296	
	10	AACCGGGTCCCGGACGCA		
2	11	AGGCTCAGGAGACCACGCA	356	
	12	TCCCGCCCCTGCACAG		
3	13	CATTGGGCATTGTTATTGTTCTTC	313	
	14	AGTTGTAGGTAAGGTGAAGTTTGGG		
4	15	TCGTCTGACAGTGTGGGCG	294	
	16	CCATGAGGAAAGGAGTGAGGGT		
5	17	TGGTGTGAAGGGGCTCTGC	244	
	18	AAGTATCAGACAGGAGAGCAGCATC		
6	19	GCCTCGCTTTTCTCCTGGTAG	213	
	20	CCACTTCCCAGCCCATCA		
7	21	GATTTTTGGTCCGTCTGCTGAG	228	
	22	GAAAGGTGTGCCCCCAG		
8	23	TTTCCTTTCCCCCAATGTATCA	246	
	24	GGGCGGTAGCTGGCTGTA		
9	25	GAGCTGCGGGTCCCTGAG	226	
	26	AGATAGGGAGTGAAGGCGGC		
10	27	AGCCACCCGCTCAGGGCA	266	
	28	AGGCAGGGGTCCCGCT		
11	29	TCCGCAGACCTGGCTGG	242	
	30	GAGGGGTGGCGGAGGG		
12	31	CCGGTGGTTCCACCCTAG	177	
	32	GGGAGGAGGCAGCGGCCTT		
13	33	TGCTGGCGGTCTGTCTCC	210	
	34	CGCCCTGCCCAGCTTC		
14/3'UTR	35	TGGGATGATTATTTTCTGTTCTATTGT	292	
	36	GAGTAGACACTGCTTGAGGGAAAAA		
14/3'UTR	37	GCGTCTGTCCACACCCA	209	
	38	TGAAGTATTTATTTTATGGCAACC		
14/3'UTR	39	GCCCCATTCCGCAAGAAC	228	51o7a
	40	GAGGAAGAGATGTGACTGCCAAGA		
14/3'UTR	41	CAGTTTACACGGGTAGTGGATTGAC	340	
	42	GAAGAGATGTGACTGCCAAGAGG		
14/3'UTR	43	CCTCTTGGCAGTCACATCTCTTC	252	
	44	ACAAATAGAACAGAAAATAATCATCCCA		
5'UTR/prom	45	CTAACTCAAAATGGGTCACGGAT	217	51o1a
	46	ATTGCTTCTGCGGTTGTGT		
5'UTR/prom	47	GAGAGCCGACCCGTGACC	212	
	48	GCTGATACTGAGGATGGATTCTGG		
5'UTR/prom	49	TGAAAAACACAACCCGCAGAAG	216	51o4a
	50	TGCACCTGGCAAATGGCTT		
5'UTR/prom	51	AAAGAACAGCGTTGGTGGAT	255	51onrra, 51onrrb
	52	CAAATTCATTGTGTTGCATGTG		
5'UTR/prom	53	AACTTAGCCGAGATCAATACACGC	172	
	54	GCAAATGCCTGGAAGGGTG		
5'UTR/prom	55	GCACAAACCAAGACAGTATGAGG	112	
	56	CGGCGGGGATGTGAAGTC		
5'UTR/prom	57	TGGCACTGAGAAGCTTGGGGA	192	
	58	ACTGGGGCAACCTCGGCT		
5'UTR/prom	59	GCTCCAGAATCCATCCTCAGTATC	154	
	60	GCCTCTGCTCTCCCCAAGTTC		